Single-cell core sensor

Ken Chow
July 9, 2001

Things to do to finish it:

1. Splice longer leads to encoder
2. Determine if we need more or better guide pins
3. Take measurements on cells:
   - Measure cores in cell, repeat for different alignments on pins
   - Measure cores in open cell (horizontal position), with cores in aligned and offset conditions
   - Measure cores in cell in horizontal position
   - Measure cores in cell after uprighting
   - Measure cores in cell after oil fill
   - Measure cores in cell after HV testing
4. Write software to monitor (poll) voltage output
5. Take measurements of SiCoS to determine effect of mechanical vibrations
6. Take measurements of SiCoS to determine effect of noise in power supply